The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

1. (currently amended) A portable telephone radio set ~~with an interference detection function~~ to which a terminal equipment can be externally connected to effect data communication therewith, said portable telephone set having an interference detection function comprising:

a warning section for providing warning of radio wave interference to a user of said portable telephone radio set, said warning being provided by audio or visual signals; and

a control circuit section for selecting and switching among perch channels, said control circuit detecting interference of radio waves on a selected perch channel and controlling said warning section;

said control circuit section reporting, when said control circuit section detects a radio wave interference fault, ~~contents~~ a type of the fault to said warning section so that said warning section ~~may give~~ provides a warning of radio wave interference in a predetermined form ~~in which the radio interference warning is displayed includes a rate of occurrences of retransmission per unit data measured during the communication~~ based on at least one of visibility and audibility.

2. (currently amended) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein said control circuit section detects a radio wave interference fault in the course of a selection operation of a standby channel from that at least one of loss of frame synchronization, deterioration in bit error rate, unfavorable reception of broadcast information

and interruption of radio waves occurs in either one of conditions of out-of-zone indication and abandonment of the pertaining channel.

3. (original) A portable telephone radio set with an interference detection as claimed in claim 1, wherein said control circuit section detects a radio wave interference fault in the course of a zone switching operation which is caused by the presence of a channel having a higher reception level than that of the channel being waited from that at least one of loss of frame synchronization, deterioration in bit error rate, unfavorable reception of broadcast information and interruption of radio waves occurs in a condition of abandonment of the pertaining channel.

4. (currently amended) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein said control circuit detects a radio wave interference fault during communication from that a level value detected when the level of each perch ~~channel~~ channel, other than a peripheral perch channel designated from a base ~~station~~ station, is measured ~~is~~ as being higher than a predetermined threshold value.

5. (previously presented) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein said control circuit section detects a radio wave interference fault during communication when the channel is switched to a channel of a level lower than the level of the channel which has been used for communication until then, the cause of the channel switching being at least one of loss of frame synchronization, deterioration in bit error rate, and interruption of radio waves occurs.

6. (previously presented) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein the predetermined form in which the radio wave interference warning is displayed includes an abandoned channel number.

7. (previously presented) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein the predetermined form in which the radio wave interference warning is displayed includes a number of occurrences of retransmission per unit time measured during the communication.

8. (canceled)

9. (new) A portable telephone radio set with an interference detection function as claimed in claim 1, wherein the predetermined form in which the radio wave interference warning is displayed includes a rate of occurrences of retransmission per unit data measured during the communication.